

Sub
C17

1. (Currently Amended) A method, performed by a processor in a ~~portable~~ digital ~~music~~ media player, for filing ~~audio-media~~ tracks stored on a computer readable media, with each ~~audio-media~~ track having metadata associated therewith including category value data for naming attributes of the track and type data indicating the type of track, said method comprising the acts of:
 - reading a definition file that defines an ordered hierarchical tree structure, with the file including category names for naming the branch under which tracks are sorted, track type information specifying which type of tracks are to be sorted under the branch, and structure information defining how to file tracks based on associated metadata;
 - for each track, ~~iteratively~~ determining, ~~base~~ based on metadata describing the track if the track belongs in the branch, and, for each branch in which the track belongs, traversing the branch to determine the appropriate location to file the track.
2. (Original) The method of claim 1, where said act of searching further comprises the acts of:
 - utilizing track type information to file only tracks of a specified type under a particular branch.
3. (Original) The method of claim 1 further comprising the acts of:
 - for each branch, utilizing category structure information to file tracks in a specified attribute order.
4. (Currently Amended) The method of claim 1, where said ~~portable~~ digital ~~music-media~~ player includes a display screen and a user interface for interacting with the display, further comprising the acts of:
 - displaying the categories and subcategories on the display in a hierarchical order;

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displaying all names of tracks associated with a category or sub-category when a user utilizes the interface to select a category or sub-category;

utilizing the pointer to access and play a track when a user selects a track name through the user interface; and

utilizing the pointer to access and play a collection of tracks within a category or subcategory when a user selects a category or subcategory through the user interface.

5. (Canceled)

6. (Currently Amended) A method, performed by a processor in a portable digital ~~music-media~~ player, for filing ~~audio-media~~ tracks, stored on a computer readable media, under categories in an in memory tree structure, with each ~~audio-media~~ track having metadata associated therewith including category name data for naming, said method comprising the acts of:

upon startup or when a track is added or changed, searching the metadata of each track; and

for each track, automatically filing the track by category name under each selected category to form a hierarchical track filing scheme.

7. (Original) The method of claim 6 further comprising the act of:

selecting the categories to be the Album including the track, the title of the track, and the name of the artist that recorded the track.

8. (Currently Amended) The method of claim 6, where said portable digital ~~music-media~~ player includes a display screen and a user interface for interacting with the display, further comprising the acts of:

displaying the categories on the display in a hierarchical order;

displaying all names of tracks associated with a category when a user utilizes the interface to select a category ;

accessing and playing a track when a user selects a track name through the user interface; and

accessing and playing a collection of tracks within a category when a user selects a category through the user interface.

9. (Currently Amended) A computer program product comprising:

a computer readable medium having program code embodied therein for filing audio-media tracks stored on a computer readable media, with each audio media track having metadata associated therewith including category value data for naming attributes of the track and type data indicating the type of track, said program code comprising:

B2 program code, executed by a processor, for reading a definition file that defines an ordered hierarchical tree structure, with the file including category names for naming the branch under which tracks are sorted, track type information specifying which type of tracks are to be sorted under the branch, and structure information defining how to file tracks based on associated metadata;

program code, executed by a processor, for each track, for ~~iteratively~~ determining, ~~base~~ based on metadata describing the track, if the track belongs in the branch, and, for each branch in which the track belongs, traversing the branch to determine the appropriate location to file the track.

10. (Currently Amended) A computer program product comprising:

a computer readable medium ~~for~~ having program code embodied therein for filing audio-media tracks, stored on a computer readable media, under categories in an in-memory tree structure, with each audio-media track having

metadata associated therewith including category name data for naming, said program code comprising:

program code, ~~execute~~ executed by a processor, upon startup or when a track is added or changed, for searching the metadata of each track; and

B2. program code, executed by a processor, for each track, for automatically filing the track by category name under each selected category to form a hierarchical track filing scheme.
